

**Navajo Education Technology Consortium E-Rate Letter of Agency
For the Year 5/2001 - 2002**

This is to confirm Kayenta Community School participation in the Navajo Education Technology Consortium (NETC) E-rate Consortium for the procurement of

- Video (distance learning)
- Technical Support (maintenance)
- Infrastructure Upgrades (to support video/other needs)
- Other _____ services.

I hereby authorize NETC to submit PCC Form 470, FCC Form 471, and other E-rate forms to the Schools and Library Division on behalf of the undersigned school district. (This LOA does not obligate district funds.)

I understand that in submitting these forms on our behalf, you are making certifications for our school district. By signing this letter of agency, I make the following certifications:

- (a) I certify that the schools in our district are all schools under the statutory definitions of elementary and secondary schools found in the Elementary and Secondary Education Act of 1965, do not operate as for-profit businesses, and do not have endowments exceeding \$50 million.
- (b) I certify that the schools in our district have secured access to all of the resources, including computers, training, software, maintenance, and electrical connections necessary to make effective use of the services purchased as well as to pay the discounted charges for eligible services.
- (c) I certify that the schools in our district are all covered, or will be covered at the time funding is granted, by E-rate approved technology plans (unless discounts are only being requested for basic local and long distance telephone service).
- (d) I certify that the services that our school district purchases using E-rate discounts (as described in the law 47 U.S.C. Sec. 254) will be used solely for educational purposes and will not be sold, resold, or transferred in consideration for money or any other thing of value.
- (e) I certify that the entities eligible for support that I am representing have complied with all applicable state and local laws regarding procurement of services for which support is being sought.
- (f) I certify that our school district has complied with all E-rate program rules and I acknowledge that failure to do so may result in denial of discount funding and/or cancellation of funding commitments.
- (g) I understand that the discount level used for shared services is conditional, for future years, upon ensuring that the most disadvantaged schools and libraries that are treated as sharing in the service, receive an appropriate share of the benefits from those services.
- (h) I certify that I am authorized to sign this letter of agency for my District and, to the best of my knowledge, information, and belief, all information provided to NETC for E-rate submission is true.

I understand that persons willfully make false statements on E-rate forms or through this letter of agency can be punished by fine or forfeiture under the Communications Act, 47 U.S.C. Secs. 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. Sec. 1001.

District: Kayenta Community School

Signature: 

Name: SHIRLEY D. SANDOVAL

Title: OIEP/CIO

Date: 5/23, 2001

**Navajo Education Technology Consortium E-Rate Letter of Agency
For the Year 5/2001 - 2002**

This is to confirm Low Mountain Boarding School participation in the Navajo Education Technology Consortium (NETC) E-rate Consortium for the procurement of

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- Technical Support (maintenance)
- Infrastructure Upgrades (to support video/other needs)
- Other _____ services.

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District: Low Mountain Boarding School Signature: 

Name: Shirley Ott

Date: 5/1/01

2001

Title: NETC/CIO

**Navajo Education Technology Consortium E-Rate Letter of Agency
For the Year 5/2001 - 2002**

This is to confirm Pinon Dormitory School participation in the Navajo Education Technology Consortium (NETC) E-rate Consortium for the procurement of

- Video (distance learning)
- Technical Support (maintenance)
- Infrastructure Upgrades (to support video/other needs)
- Other _____ services.

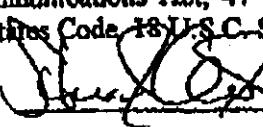
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District: Pinon Dormitory School

Signature: 

Name: SHIRLEY O. STEWART

Date: 5/23, 2001

Title: 2109/010

**Navajo Education Technology Consortium E-Rate Letter of Agency
For the Year 5/2001 - 2002**

This is to confirm Rock Point Community School participation in the Navajo Education Technology Consortium (NETC) E-rate Consortium for the procurement of

- Video (distance learning)
- Technical Support (maintenance)
- Infrastructure Upgrades (to support video/other needs)
- Other _____ services.

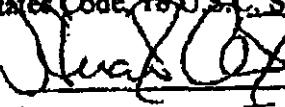
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District: Rock Point Community School

Signature: 

Date: 5/23, 2001

Name: STUART O'R

Title: OIEP/CIO

Navajo Education Technology Consortium E-Rate Letter of Agency
For the Year 5/2001 - 2002

Black Mesa Jr.
This is to confirm Cottonwood Day School participation in the Navajo Education Technology Consortium (NETC) E-rate Consortium for the procurement of

- Video (distance learning)
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Black Mesa Jr.
District: Cottonwood Day School Signature: J. J. J.
Name: SIMONE OZI
Date: 5/23, 2001 Title: CLERK/FAIR

**Navajo Education Technology Consortium E-Rate Letter of Agency
For the Year 5/2001 - 2002**

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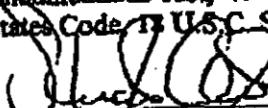
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District: Cottonwood Day School

Signature: 

Name: SIDONIE D. JOHNSON

Title: CLERK/CAS

Date: 5/23, 2001

Document #3

Meeker	Declined	Yes	No	100% Total	928	697	4
Borrego Pass	yes	yes		999169	505	786	6
CCSD	declined	declined	declined	143284	np		
Chilchinbeto -	yes		yes	98625	928	697	4
Chinle	yes	yes	yes	143224	928	674,781,724	55
Dennehotso	yes	yes	yes	98864	928	658	6
GMCS	yes		yes	143257	505	722	40
Ganado	yes	yes	yes	143226	928	755	7
Holbrook	yes	yes	yes	143159	928	524	43
Kalbeto	yes	yes	yes	98672	928	673	4
Kayenta USD	yes	yes	yes	143184	928	697	9
Kayenta Com	yes		yes	98620	928	697	12
Pine Hill	yes		yes	99176	505	775	10
Pinon	yes	yes	yes	143227	928	725	12
Red Mesa	yes	yes	yes	143229	505	656, 787	20
Rough Rock	yes	yes	yes	98815	928	728	35
Sanders	yes	yes	yes	143228	928	688	13
San Juan	declined	declined	declined	142848	435	678	
St. michaels-hs	yes		yes	98845	928	871	4
St. michaels-es				98848			
St. michaels-ee				98847			
St. Bonaventure-es	yes			99180	505	862	10
St. Bonaventure-hs				99181			
Tlis Nas Bas	yes		yes	98858	928	656	8
Tuba City	yes	yes	yes	143170	928	283	33
Window Rk	yes	yes	yes	143225	928	729	23
Wingate	yes	yes	yes	99175	505	488	19
					Total		373

NETC E-Rate 5 Planning Summary 12/14/2001 9:09 AM

Ref #	School District Name	ST	School District Entity Number	School Name	School Entity Number	Free Reduced	Total Students	F/R %
1	BORREGO PASS		???????					
2	CHILCHINBETO Unif School Dist	AZ	98625					
3	CHINLE UNIFIED SCHOOL DIST 24	AZ	143224	CHINLE JUNIOR HIGH SCHOOL	98818	729	132	1143
	CHINLE UNIFIED SCHOOL DIST 24		143224	CHINLE KINDERGARTEN CENTER	98819	220	39	291
	CHINLE UNIFIED SCHOOL DIST 24		143224	CHINLE PRIMARY SCHOOL	98820	551	43	695
	CHINLE UNIFIED SCHOOL DIST 24		143224	MANY FARMS ELEMENTARY SCHOOL	98821	312	52	412
	CHINLE UNIFIED SCHOOL DIST 24		143224	TSAILE ELEMENTARY SCHOOL	98822	409	43	495
4	DENNEHOTSO	AZ	98864			244	23	281
5	GALLUP-MCKINLEY CO SCHOOL DIST	NM	143257					
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	CHEE DODGE ELEMENTARY SCHOOL	99204			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	CHURCH ROCK ELEMENTARY SCHOOL	99165			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	CROWNPOINT ELEMENTARY SCHOOL	99171			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	CROWNPOINT HIGH SCHOOL	99170			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	DAVID SKEET ELEMENTARY SCHOOL	99191			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	EDUCATION DEVELOPMENT CENTER	99153			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	INDIAN HILLS ELEMENTARY SCHOOL	99146			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	JEFFERSON ELEMENTARY SCHOOL	99149			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	JUAN DE ONATE ELEMENTARY SCH	99150			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	KENNEDY MIDDLE SCHOOL	99148			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	LINCOLN ELEMENTARY SCHOOL	99159			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	NAVAJO ELEMENTARY SCHOOL	99201			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	NAVAJO PINE HIGH SCHOOL	99200			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	RED ROCK ELEMENTARY SCHOOL	99154			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	ROCKY VIEW ELEMENTARY SCHOOL	99147			

NETC E-Rate 5 Planning Summary 12/14/2001 9:09 AM

	GALLUP-MCKINLEY CO SCHOOL DIST		143257	ROOSEVELT ELEMENTARY SCHOOL	99158			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	SMITH LAKE ELEMENTARY SCHOOL	99203			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	STAGECOACH ELEMENTARY SCHOOL	99161			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	THOREAU ELEMENTARY SCHOOL	99185			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	TOHATCHI ELEMENTARY SCHOOL	99186			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	TOHATCHI MIDDLE SCHOOL	99189			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	TWIN LAKES ELEMENTARY SCHOOL	99145			
	GALLUP-MCKINLEY CO SCHOOL DIST		143257	WASHINGTON ELEMENTARY SCHOOL	99152			
6	GANADO UNIFIED DISTRICT 20		143226					
	GANADO UNIFIED DISTRICT 20		143226	GANADO HIGH SCHOOL	98834	571	35	722
	GANADO UNIFIED DISTRICT 20		143226	GANADO INTERMEDIATE SCHOOL	98833	408	30	497
	GANADO UNIFIED DISTRICT 20		143226	GANADO MIDDLE SCHOOL	98836	481	35	569
	GANADO UNIFIED DISTRICT 20		143226	GANADO PRIMARY SCHOOL	98837	358	24	438
7	HOLBROOK UNIFIED SCHOOL DIST 3	AZ	143159					
	HOLBROOK UNIFIED SCHOOL DIST 3		143159	HOLBROOK HIGH SCHOOL	98608	300	54	672
	HOLBROOK UNIFIED SCHOOL DIST 3		143159	HOLBROOK JR HIGH SCHOOL	98609	270	51	438
	HOLBROOK UNIFIED SCHOOL DIST 3		143159	HULET ELEMENTARY SCHOOL	98610	294	59	447
	HOLBROOK UNIFIED SCHOOL DIST 3		143159	PARK ELEMENTARY SCHOOL	98611	274	44	394
8	KAIBETO	AZ	98672			296	39	390
9	KAYENTA Comm S	AZ	98620			376	48	474
10	KAYENTA UNIFIED SCHOOL DIST 27	AZ	???????					
	KAYENTA UNIFIED SCHOOL DIST 27		143164	KAYENTA INTERMEDIATE SCHOOL	98621	424	63	573
	KAYENTA UNIFIED SCHOOL DIST 27		143164	KAYENTA MIDDLE SCHOOL	98622	450	55	616
	KAYENTA UNIFIED SCHOOL DIST 27		143164	KAYENTA PRIMARY SCHOOL	98623	367	43	477
	KAYENTA UNIFIED SCHOOL DIST 27		143164	MONUMENT VALLEY HIGH SCHOOL	98624	527	134	893
11	PINE HILL	NM	99176					
12	PINON UNIF SCHOOL DISTRICT 4	NM	143227					
	PINON UNIF SCHOOL DISTRICT 4		143227	PINON ELEMENTARY SCHOOL	98842	607	60	702
	PINON UNIF SCHOOL DISTRICT 4		143227	PINON HIGH SCHOOL	98843	352	38	429
	PINON UNIF SCHOOL DISTRICT 4		143227	PINON MIDDLE SCHOOL	98844	444	39	502
13	RED MESA UNIF SCH DISTRICT 27	AZ	143229					
	RED MESA UNIF SCH DISTRICT 27		143229	RED MESA ELEMENTARY SCHOOL	98855	571	56	697
	RED MESA UNIF SCH DISTRICT 27		143229	RED MESA HIGH SCHOOL	98854			
	RED MESA UNIF SCH DISTRICT 27		143229	ROUND ROCK ELEMENTARY SCHOOL	98857	165	16	201
14	ROUGH ROCK	AZ	98815					
14	ROUGH ROCK		98815	ROUGH ROCK Elementary School	???????	188	10	223
								89

NETC E-Rate 5 Planning Summary 12/14/2041 9:09 AM

07-25-01 02:59 NETC
07/27/01 14:38 FAX 800 - 766 7678
07-25-01 14:34 NETC

ID#585 722 6991
Barreiro Pass SCD, NM 87501 722 6991

WVYF/WVCE



Navajo Education Technology Consortium (NETC) (ETIP-TECH Share) Projects

Karen Leshner, Executive Director
P.O. Box 1318
Dallup, NM 87301
(505) 722-7711 ext. 51230
FAX: (505) 722-6991
Kleshner@unm.edu

RE: NETC E-RATE DESIGN

K Yes, I accept to be a part of the NETC E-rate design. I will also attend the meeting scheduled for my training center regarding the NETC E-rate design.

No, I do not accept to be a part of the E-rate design.

School District: Bonney Pass School

Signature: Josef Date: 7-26-01

Print Name: Gus Kaone Jr.

PLEASE RETURN TO NETC NO LATER THAN JULY 27, 2001

received
7/26/01

07/25/01 WED 14:45 (TX/RX NO 8168)
FROM:585 + 766 7678

P62

03-25-03 02:59 NETC

Jul-25-01 04:04pm From-GOSO Education Technology Office

ID=585 722 6991

520 753 1304

T-359 P.002/002 F-147

P11



Navajo Education Technology Consortium (NETC)
(ETIP-TECH Share) Projects

Karen Lasher, Executive Director
P.O. Box 1318
Gallup, NM 87301
(505) 722-7711 ext. 51230
FAX: (505) 722-6991
klesher@gmos.k12.nm.us

RE: NETC E-RATE DESIGN

X

Yes, I accept to be a part of the NETC E-rate design. I will also attend the meeting scheduled for my training center regarding the NETC E-rate design.

No, I do not accept to be a part of the E-rate design.

School District: Ganado Unified School District

Signature:

E. Tsosie

Date: 07/25/01

Print Name: Ervin Tsosie /Coor. Education Tech.

PLEASE RETURN TO NETC NO LATER THAN JULY 27, 2001

received
7/24/01 MMT



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(ETIP-TBCH Share) Projects

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School District: Kayenta USD 27

Signature: William L. Allsbrooks Date: 9-5-01

Print Name: William L. Allsbrooks, Supt.

PLEASE RETURN TO NETC NO LATER THAN JULY 27, 2001

b7c
RECEIVED



Navajo Education Technology Consortium (NETC)
(ETIP-TEOH Share) Projects

Karen Leshner, Executive Director

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Gallup, NM 87301
(505) 722-7711 ext. 51230
FAX: (505) 722-6991
Kleshner@mcsk12.nm.us

RE: **NETC E-RATE DESIGN**

xxx

Yes, I accept to be a part of the NETC E-rate design. I will also attend the meeting scheduled for my training center regarding the NETC E-rate design.

School District: Kayenta USD 27

Signature: William L. Allisbrooks

Date: July 26, 2001

Print Name: William L. Allisbrooks

PLEASE RETURN TO NETC NO LATER THAN JULY 27, 2001

received
7/25/01 Mm

FROM:



Navajo Education Technology Consortium (NETC)
(ETIP-TECH Share) Projects

Karen Leshner, Executive Director
P.O. Box 1318
Gallup, NM 87301
(505) 722-7711 ext. 51230
FAX: (505) 722-6991
kleshner@amso.k12.nm.us

RE: NETC E-RATE DESIGN

Yes, I accept to be a part of the NETC E-rate design. I will also attend the meeting scheduled for my training center regarding the NETC E-rate design.

No, I do not accept to be a part of the NETC E-rate design.

School District: Pinon Unified School District #4

Signature:

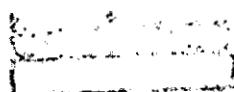
Date:

9/16/01

Print Name:

Larry E. Waller

PLEASE RETURN TO NETC NO LATER THAN JULY 27, 2001





Navajo Education Technology Consortium (NETC) (ETIP-TECH Share) Projects

Karen Leshner, Executive Director
P.O. Box 1318
Gallup, NM 87301
(505) 722-7711 ext. 51280
FAX: (505) 722-6991
klesher@nmca.k12.nm.us

RE: NETC E-RATE DESIGN

Yes, I accept to be a part of the NETC E-rate design. I will also attend the meeting scheduled for my training center regarding the NETC E-rate design.

No, I do not accept to be a part of the NETC E-rate design.

School District:

Ralph B. Friedly

Signature:

Date: 5/6/01

Print Name:

Ralph B. Friedly

PLEASE RETURN TO NETC NO LATER THAN JULY 27, 2001

b/sylesey

TOTAL P.02
P62



Navajo Education Technology Consortium (NETC) (ETIP-TECH Share) Projects

Karen Lester, Executive Director
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Gallup, NM 87301
(SUS) 722-4711 ext. 51230
FAX: (505) 722-6991
KarenL@pmcs.k12.nm.us

RE: NETC E-RATE DESIGN



Yes, I accept to be a part of the NETC E-rate design. I will also attend the meeting scheduled for my training center regarding the NETC E-rate design.

No, I do not accept to be a part of the E-rate design.

School District: Rough Rock Community School

Signature: Marty Roosevelt

Date: 8-2-01

Print Name: Marty Roosevelt

PLEASE RETURN TO NETC NO LATER THAN JULY 27, 2001

received
7/16/01



Navajo Education Technology Consortium (NETC)
(ETIP-TECH Share) Projects

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FAX: (505) 722-6991
klesher@pmcs.k12.nm.us

RE: NETC E-RATE DESIGN

X Yes, I accept to be a part of the NETC E-rate design. I will also attend the meeting scheduled for my training center regarding the NETC E-rate design.

No, I do not accept to be a part of the E-rate design.

School District: Sanders Unified Schools

Signature: Donald Hancock Date: 7/25/01

Print Name: Donald Hancock

PLEASE RETURN TO NETC NO LATER THAN JULY 27, 2001

received
7/26/01



Navajo Education Technology Consortium (NETC) (ETIP-TECH Share) Projects

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Gallup, NM 87301
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FAX: (505) 722-6991
klesher@mos.k12.nm.us

RE: **NETC E-RATE DESIGN**



Yes, I accept to be a part of the NETC E-rate design. I will also attend the meeting scheduled for my training center regarding the NETC E-rate design.

 No, I do not accept to be a part of the NETC E-rate design.

School District: Tuba City Unified School District

Signature: [Signature]

Date: 7-7-01

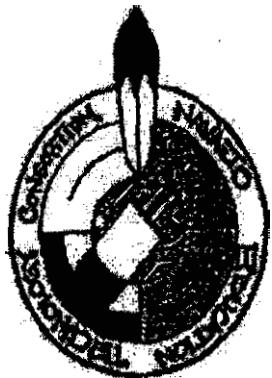
Print Name: Harold Begay

PLEASE RETURN TO NETC NO LATER THAN JULY 27, 2001

BG-25-03 02:57 NETC
08/16/2001 THU 15:12 FAX 5207207064

ID=595 722 6991
Athletic Department

P02
M001



Navajo Education Technology Consortium (NETC) (ETIP-TECH Share) Projects

Karen Lasher, Executive Director
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Gallup, NM 87301
(505) 722-7711 ext. 61220
FAX: (505) 722-4891
klesher@americ.k12.nm.us

RE: NETC E-RATE DESIGN

✓

Yes, I accept to be a part of the NETC E-rate design. I will also attend the meeting scheduled for my training center regarding the NETC E-rate design.

_____ No, I do not accept to be a part of the E-rate design.

School District: WRUSD #8

Signature: Victor Benally Date: 7-26-01

Print Name: Victor Benally

PLEASE RETURN TO NETC NO LATER THAN JULY 27, 2001

L. L. BENALLY

83-25-83 02:56 NETC
WINGATE HIGH SCHOOL



ID:505-488-6444

ID:505 722 5991
JUL 30 '01 10:10 AM. 2001 P01

Navajo Education Technology Consortium (NETC)
(ETIP-TECH Share) Projects

Karen Leisher, Executive Director
P.O. Box 1316
Gallup, NM 87301
(505) 722-7711 ext. 61290
FAX: (505) 722-5991
klesher@ches.k12.nm.us

RE: NETC E-RATE DESIGN

✓

Yes, I accept to be a part of the NETC E-rate design. I will also attend the meeting scheduled for my training center regarding the NETC E-rate design.

No, I do not accept to be a part of the E-rate design.

School District: Wingate High School

Signature: Frank A. Shepard Date: 7/30/01

Print Name: Frank A. Shepard

PLEASE RETURN TO NETC NO LATER THAN JULY 27, 2001

OPTIONAL FORM NO D-10

FAX TRANSMITTAL

Report /

To: Karen Leisher From: Frank Shepard

arrived

Document #4

NETSurveyor

NETC survey results 175

NETC Questionnaire		NETC Questionnaire		NETC Questionnaire		NETC Questionnaire		NETC Questionnaire		NETC Questionnaire		NETC Questionnaire	
Question	Response	Question	Response	Question	Response	Question	Response	Question	Response	Question	Response	Question	Response
What new requirements do you have in the infrastructure? (wireless or distance learning?)	None	Do you have curriculum delivery shortages? If so, what courses?	Yes	Are there any courses that you cannot offer now that you would like to offer?	Specialty	Do you have teacher shortages? If so please list them.	Various						
What new requirements do you have in the infrastructure? (wireless or distance learning?)	N/A	Do you have curriculum delivery shortages? If so, what courses?	Yes	Are there any courses that you cannot offer now that you would like to offer?	1 3rd grade teacher	Do you have teacher shortages? If so please list them.	Various						
What new requirements do you have in the infrastructure? (wireless or distance learning?)	N/A	Do you have curriculum delivery shortages? If so, what courses?	No	Are there any courses that you cannot offer now that you would like to offer?	Intro to Computers	Yes, Math, language, technology, art, science, etc all schools.	Yes, Computer Teacher						
What new requirements do you have in the infrastructure? (wireless or distance learning?)	N/A	Do you have curriculum delivery shortages? If so, what courses?	No	Are there any courses that you cannot offer now that you would like to offer?	CP courses in HS	Yes, Shortages. List varies.	Yes, Special Ed; 6th grade elementary, special ed						
What new requirements do you have in the infrastructure? (wireless or distance learning?)	N/A	Do you have curriculum delivery shortages? If so, what courses?	No	Are there any courses that you cannot offer now that you would like to offer?	Intro to Computers	Yes, College Courses.	Yes, PE, 6th grade English, HS English; Music						
What new requirements do you have in the infrastructure? (wireless or distance learning?)	N/A	Do you have curriculum delivery shortages? If so, what courses?	No	Are there any courses that you cannot offer now that you would like to offer?	Our high school delivers a basic curriculum with no foreign languages, other than Spanish. We lack upper division courses in writing, audience and maths as well.	Yes.	Yes, Math, language, technology, We also lack the room and the financial backing to expand our curriculum. We need foreign language at our elementary level and family and consumer science.						
What new requirements do you have in the infrastructure? (wireless or distance learning?)	N/A	Do you have curriculum delivery shortages? If so, what courses?	No	Are there any courses that you cannot offer now that you would like to offer?	Our school will be wired. We will have distance learning capability at all of our secondary schools. We will need to add distance learning to the elementary schools C.O.	Yes.	Yes, Math, Internet access for our mid school that has great needs for learning but, Oneway, it is the first of the third, a public school built on the Native Reservation. It will be located in Indian Wells about 45 miles from Indio. We have concerns for connectivity.						
What new requirements do you have in the infrastructure? (wireless or distance learning?)	N/A	Do you have curriculum delivery shortages? If so, what courses?	No	Are there any courses that you cannot offer now that you would like to offer?	Our new school coming on the fall of 2002 connects us to LAN & WAN in our building on campus.	Yes.	Yes, Math, Internet access for our mid school that has great needs for learning but, Oneway, it is the first of the third, a public school built on the Native Reservation. It will be located in Indian Wells about 45 miles from Indio. We have concerns for connectivity.						
What new requirements do you have in the infrastructure? (wireless or distance learning?)	N/A	Do you have curriculum delivery shortages? If so, what courses?	No	Are there any courses that you cannot offer now that you would like to offer?	We have wireless from the fire station, warehouse and the facility building. Also satellite systems from the internet.	Yes.	Yes, Math, Internet access for our mid school that has great needs for learning but, Oneway, it is the first of the third, a public school built on the Native Reservation. It will be located in Indian Wells about 45 miles from Indio. We have concerns for connectivity.						

Infrastructure Questions					
Is your technology up to date?	BIA	Yes No	Yrs. 2000 & currently	Yrs. 2000 - 2001.	Need current updating, March 2001.
When was it updated?					
How many campuses are in your district?	1		7 1/2 under Western Navajo Agency with about 10 schools Chk. It is one of them	1	21 currently, with 2 alternative schools and the soon to be added Indian Wells campus.
How many children are in your district?	175				From less than 5 minutes to up to one hour.
How far do the kids have to ride a bus to school or how far away from school are they? (Less than a mile, .30 miles, an hour, etc. or 2 miles, 50 miles, etc?)	1 hour				Our district covers a large area of the reservation and most of our children are bussed into school. Some of our students ride the bus from the Indian turnout. It is not uncommon for students to spend 2-3 hours a day on the bus.
How many children are in your district?	1,341		Longest route is 1 hour 2 hours each way		30 minutes to 1 hour.
How far do the kids have to ride a bus to school or how far away from school are they? (Less than a mile, .30 miles, an hour, etc. or 2 miles, 50 miles, etc?)	175				Some ride over one hour one way. Others take 30 minutes or less.
What are the campus sites and please break them down by elementary, mid, charter & high schools, etc.?	K-4				
What are the campus sites and please break them down by K-4 elementary, mid, charter & high schools, etc.?			Chile K-10 Chile 11-2 Chile 11B, Chile Primary-3 Primary-4 buildings Navy Farm E-1 S Bldg, Taos El-2 Bldg, CRIC 4 Bldg, Turquoise Dawn Administrative S-2 bldg		5 Bldg on campus: 6 Academic Bridges, 3 Admin Bridges, 1 Cafeteria, 2 Doms.
What are the campus sites and please break them down by K-4 elementary, mid, charter & high schools, etc.?			1 PreK (bldg) 1 Kindergarten, 1 10+ to 30th grade		1-4 bridges, 2 elementary w/ 400 students; 1 middle w/ 50 students; 1 dormitory, 1 dormitory, Technology, CH and maintenance, transportation.

How many wiring closets are in each building?	various	All but one.	Depends. Most remote buildings have at least one IDF.	
What are the signs of fire buildings on each campus?	1 year to 40 years old	Aprox. 25 years old - newer section of the school.	Range in age from early 40s to 2001.	36 years old.
Is there asbestos in any building on the campus?	Insignificant	Not sure	Some.	1980-1999 36 to 46 Years Old.
Is there asbestos in any building in the district?	No	Insignificant	Not sure	1 (PS-4); KHS(2); MHS(3); MURHS(7); Transportation(2); Tech One(1).
How many temporary buildings/portable classrooms are on each campus?	No	No	Assumed.	Just KPS.
For multi-building campuses, are there existing cabling networks between the buildings?	1	2	2 Ranges from 1 to 15. PS.	0 4
How many LANs are at each campus? (Token Ring, Ethernet, Other)	1 LAN	1 voice line of telephone poles/high wire poles don't know	Yes. 1 data Link; 1 video VLAN; 1 voice LAN.	1 Campus is all on one LAN. Ethernet.
What types of LANs are used at each campus? (Token Ring, Ethernet, Other)	TOPIP , and SNA	Ethernet.	Ethernet.	Ethernet.
How many file and print servers are at each campus? (File, Print, Other)	1 port bridge	File@ ; Print@ 10.	File@ ; Printer@ 1; Others@ 3.	File@; Printer; At least some have a DNS as well. Others.
What types of file and print servers? (i.e., Cisco, etc.)	MS network and Novell.	Dell.	File and Print Servers are novell.	Send Mail Cisco year for 2001/2002 e-mail project.
What email system is used at each campus?	Nimail and GL WebMail	don't know	Exchange.	Apache Consortium.
Is there Internet access at each campus?	Yes	T-1 telephone wires	NetVista.	Apache.
How do you get connection to the Internet, via what carrier, and what speeds?		Satellite Tachyon Mexico	Yes.	Microsoft Exchange.
Are there wireless LAN's at each campus?	Medium	Yes.	No.	One lab @ KHS is using Apple's Airport for 6 mbps.
Are there wireless WAN's at each campus?	No	10 mb.	Yes.	One lab @ KHS is Fire Station, Warehouse, Facility.
Are there wireless LAN's at each campus?	No	100 mb.	No.	One lab @ KHS is Fire Station, Warehouse, Facility.
Can you share bandwidth at each campus?	7 Leased T-1 don't know	No.	No.	No.
What are the bandwidth requirements of each campus?	Value by number of computers	Equivalent to one full T-1. (Most campuses have equivalent of four T-1s. Most have DS-3s, many have four T-1s or few have three DS-3s.)	No.	No.
What cabling and data connectivity infrastructure is there at the District Office?	Yes	Primary PBX, ASA400 computer ports	Yes.	Yes.
Are all campus' connected back to the District Office?	No	WPA school are all setup individually according to their own needs & funds.	No.	No.
What are the bandwidth requirements of each campus?	Yes	District campus is to be funded with Year 4 Ente Funds.	Yes.	Yes.
What cabling and data connectivity infrastructure is there at the District Office?	No	Fiber feed to Admin Bldg & Cafeteria within each bldg.	No.	No.

			Don't know	don't know		Yes.	Current project would allow for IP routing.		Yes.	Yes.	10/100
Are these devices still needed for IP routing?											
WAN Bandwidth			T1 and fiber	don't know			Fiber Based Ethernet between sites (>100 Mbps).			Fiber Based Ethernet between sites (>100 mbps)	Fiber based ethernet between sites (>100 Mbps).
(Full T1 or more between sites or Fiber Based Ethernet between sites (>100 Mpbs) or Fiber Based ATM or SONET between sites (OC-3 or more).											
Which of the above technology connects (T1, Fiber-Based, ATM or Sonet) between your sites? (Not T1's or Frame Relay, how much is dedicated to data traffic?)			T1 and fiber	don't know							
WAN Infrastructure							Four T-1s is to each campus in North Cloud (three for data, one for voice), DS-3 (capacity equivalent to 4 T-1s) ATM for each campus in the West Cloud, and three 56Kbs per campus To reach campus in the South Cloud. South Cloud will be improved to T1 speeds with Year-4 E-rate funds.				
Router based infrastructure: WAN Links Traffic Utilization< 80% with video traffic included			don't know	don't know							
What is the current bandwidth used on your data network?			About 30% of bandwidth to district office net	don't know			Over our 9MB ATM circuit, yearly average in-bound Internet traffic is 85.3 kbytes; yearly average out-bound Internet traffic is 386.5 kbytes; Maximum in-bound Internet traffic was 773.9 kbytes, maximum out-bound Internet traffic was 8026.5 kbytes. Our peak traffic over our Internet connection almost never exceeds 50% of our capacity. We are not monitoring Internet WAN bandwidth.	1 gig backbone / 1 mg to desktop	N/A	100 mb.	N/A.
If you add the video conferencing traffic to your existing data traffic, would that be more than 80% capacity of the WAN link? 4-way conference minimums,(128k stream);			Probably	don't know		No.			Yes.	Yes.	
If you have a T1 between sites, will you be able to add 384k to the existing bandwidth and still be under 80% of the capacity of the T1 (total of 1.23 Mpbs)			Probably	don't know	N/A.	Yes.			Would take 1152 kbytes, which is 75% capacity of a full T1.		
Active conference low bandwidth ideal (384k/min):											
Quality of Service											
a) Recommended											
b) T1/Routing-Packet Prioritization Mechanisms			Yes								
c) Fiber based Ethernet -802.1pQoS			Yes								
d) ATM/Sonet-t VBR QoS Contract on separate Virtual Circuit for video			Yes								
Can you implement any of these QoS mechanisms listed above?	yes		Yes	a consultant working w/ technology probably could			Depending on the location of school, we can implement these QoS Mechanisms, except the south cloud (until we get more bandwidth).		Yes.		N/A.
System Maintenance											
Do you currently have Help Desk staff in place? If so, how many and at what levels?	no		through school techs	No!	Yes.	No.			No.	No.	No.
Do you feel that you have any staffing shortages in your Help Desk?	No		Definitely	don't know	Yes.	Yes.			Yes.	Yes.	N/A.

					Tech Support.	Qualified Personnel.	N/A.
If so, what do you need even if it is part time?		would need to do staffing	don't know				
Do you use Help Desk software now and if so, what?	no	No	No		No.	Yes, Perfect Teacher.	No.
What expertise do you not have in-house that you do need external help with and how many times a year have you had to have experts come in?			Networking design specialist			Currently no in-house network engineer for both Windows & Macintosh platforms.	Once.
Do you have Help Desk procedures, backup and recovery procedures in place and documented for the LAN, WANs and/or Main Frames?	no		Partial	don't know		1-2.	
What Network Operating Systems are running in your district?				MS 2000 NT and AS/400 SNMIP	NT 4.0.	NT 4, Novell 5, Cisco IOS.	Windows 95, 98, NT, Apple Fileshare.
Do you have critical storage for your backups?	no	No	don't know	No	No.	No.	Windows 2000 & Apple Fileshare.
What network monitoring tools do you use?	none		Nettoy	don't know	No.	No.	
Do you have access to a network utility?	no	Yes		probably if it is we are not using	BIA Done-Yes.	No.	
Do you have any spare batteries on hand?	no	Yes		no	No.	No.	
Do all the school(s) in the district have Uninterruptible Power Supplys?	no			Yes on phone, don't know	Yes.	No.	
Have you experienced power fluctuations, how often and have they been detrimental to your district?		some		PA - and some routers, switches Yes, NTUUA	Yes, probably one or two times a year	Yes.	We experience Yes. Several times a daily fluctuations in month. our electrical supply. Spikes out computers to where they need repairs. They have been very detrimental.
If there is anything else that you want to make sure gets covered, please add that in here now.					pinging, video retrieving, the alarm sys, web interfacing, integrated content filtering, advertising		

Distance learning, need connections (telecommunications) for wireless modules, connections for distance learning.	New elementary building with 17 T-1 lines. Ave classroom size: 7 offices, 6 network ports of working modules, 6 network ports of Citizen's on getting the line active.	Need increased bandwidth. T-1 connections (telecommunications) for wireless modules, connections for distance learning.	Distance learning. New building with 17 T-1 lines. Ave classroom size: 7 offices, 6 network ports of working modules, 6 network ports of Citizen's on getting the line active.	May not participate. Connect 4 buildings with wireless. Upgrade internal telephone from coax to fiber.	None	Cabling 2 new schools, existing schools. Wireless within schools	Wireless infrastructure to speed WAN connectivity between 3 WA sites. Infrastructure utilized for Distance learning pods or carts. Distance learning can be implemented for 8 carts. New construction for new HS
Advanced courses offered.	Yes. Higher level math, science, English, and social studies.	Yes.	Yes. IT/V	Yes. Geology, physical science, technology, climate.	Yes. Navajo language, history, culture.	Yes. Navajo language, math, English, reading, computer lit.	Writing down from 2-megabit connection to faster wireless. Setting up distance learning classrooms, new construction for new HS
Yes. In all areas of high, mid, elementary schools.	Yes. Navajo language, foreign languages, physics, chemistry, English, example: Calculus, Physics, Honors English, Language.	Yes.	Navajo language, foreign languages, physics, chemistry.	Dual credit classes	Yes. Programming, geology.	Yes. Navajo language, math, English, reading, computer lit.	Yes. K-12. All curriculum areas, science, math, English, ESL, etc.
June 2001.	1998	2000	2000	2000	1998. Will update this year.	No.	Yes.
2	3	3	3	3	1	1	Yes.
30-45 Minutes, farthest distance is 25 miles.	Same as long as 50 miles away	550	Up to 65 miles.	Vans from 1 to 50 miles.	330	Up to 65 miles.	Some ride over one hour one way. Others 30 minutes or less.
5 plus bridge on campus=3, Elementary=4, Middle=260 students; High School=525; HS=450.	1.5 bldgs on campus=3	12 bldgs. - High School, Middle School, Elementary, dorms, cafeteria, library, Gym	13. Middle school main, HS math, HS cafeteria, HS fifth grade wing, Valley High school main, VHS Voc. Ag, Transportation, Sanders Elementary School, SES East Wing Cafeteria, VHS Art Sch., Maintenance, District Office.	5 plus bridge=19.1	5 plus bridge=2	Single Bldg=2, Elementary=200, 1 classroom bldg; 2 dorms, 1 Computer Trailer, Music Trailer, Gym.	5 plus bridge=19.1 admin 5 academic: 1 dormitory hall; 6 dorms; 1 student union bldg; 1 recreation bldg; 1 facilities mgmt bldg; 1 temp bldg.

NETC survey results by Y/S

One for each building.	Elementary=3; Mid School=4; HS=5.	1	HS/Middle4, Others=1;	1	3-4+	WRES-5; VRES-6; THTMIS-6; THMLC-5; THPLC-2
15-20 Years:	Elementary=10 [B]; Mid School=1998; HS=1996.	yes	SES=2 years for main building; 30 years for others; SMS=30 years; VH=9 years.	54 to 100 years old; 30+ years	2-25 Years	Aprox. 25 yrs old - newer section of the school.
No.	No.	No.	No. All has been removed.	7	No.	15 Years
No.	No.	No.	No.	2 none	1-4.	30 Years.
No.	Yes. 3 Academy=3; Elementary=3; Mid School=2; HS=0.	none	1 SES=2; SMS=3; VH=9.	1	1-2.	Yes.
Yes, with comdnl connections.	Yes.	yes	1 SES=10; SMS=3; VH=4.	No.	1 One at each school.	Yes.
1	3	1	Ethernet	Ethernet	Ethernet	Ethernet.
Ethernet.	Ethernet et al.	Ethernet	Ethernet.	Ethernet	Ethernet.	Ethernet.
Fiber0; Print0;	Fiber0; Red Near; 2 Round Rack; Printer 1 in each classroom at Red Mesa (52); print0.	1 file; 2 print;	OtherE-mail; Student Information, DNS, DHCP, printing, web, accounting, RAS, Content PBX, Voice.	File0; Print3; Other=3.	File1-5.	File1; Print10.
All Dell servers.	Apache like Apache like server, NT. No print servers.	HP 1700 print server in classrooms and HP 300c print servers on or kinda Copiers.	Let direct remote print server. Novell, NT 4.0	Print/P. Ass.	Dell.	Dell; Gateway=2.
Exchange.	D-3.	mail	First Class.	School Access.	Exchange	Exchange.
Yes.	Yes.	year	Through Apache County. T1.			Exchange 5.5.
Cibola Internet is the provider and the carrier is Thruport solutions of Utah.	No.	One wireless bridge at Round Rock. Faxon at Red Mesa to network the housing area.	Yes. Limited use.	No.	Yes.	Exchange.
NA.	Yes. G100 MB	10 mb	5 T1s.	No.	None	NA.
				T1.	100 mb.	100 or greater.
						Minimum 10 megabits.
No.	No.	Yes.	Connection to Round Rock needs to be upgraded to a T1 and the bandwidth Red Mesa's satellite system should be doubled.	No.	None	Yes.
No.	No.	Yes.	Yes to admin	No.	No.	Yes.
Yes.	Yes.	Yes.	File 10/100/1000.	77	na	na.
Fiber optics between the buildings and Carts within each of the buildings all linking to the admin office.	Ethernet and wireless.	Fiber, Cat5	Building SS.	77	na	CAT5, 100 MBPS

	2 FTEs.	One full time, one part time at Red Mesa. One full time at Round Rock.	More Techs	Classroom tech fulltime.		??	1 FTE			Yes.	
	On order. Trouble Tracker.	No.	No	No.			No	No.		No.	
Configuring satellite equipment and setting up routing tables. SASI support and training.	Network traffic. Twice in three months.	None.	Fiber Optic training	Twice weekly. Network and PC Tech.			Networking, network & computer maintenance and repair, preferably on call.	3 times had consultant assistance	None.	Once for advisement.	
Backup and recovery for maintenance and system shutdown.	No. No documentation.	Yes.	Partial	Partially.		No.	No	Yes.		Yes.	
All servers are running on an NT network with service pack 5, Windows 2000 Professional for the desktop.	Mac 9.1, Windows 98, 2000.	Windows 2000, NT, Novell.	Novel and NT 4.0	MacOS 9, Windows 95, 98, 2000.			Windows NT - 4.0.	NT 4 sp6	Windows 2000	NT 4.0.	NT 4.0.
Yes.	No.	No.	No	No.		No.	no	No.	No.	No.	
3COM Supervisor, Net Shield and Watchguard Firewall.	Ether Peak.		Pinging, observer, and BIA traffic watch	None.			GCI/School Access has monitoring and fibers in place for our site.	no	Open View	None.	HP Open View
Yes.	No.	No.	No	No.		??	no	No.	BIA Does-Yes.	Yes.	
No.	Yes.	Some	Some	Some.		Very few.	no	No.	No.	No.	
Most of them except the portable buildings.	Yes, but not enough to go around.	no	On switches.			Yes, but not for all computers.	UPS on servers	Yes.		No, 70% of school do not have UPS units.	
Yes. Power fluctuations but not detrimental to the system.	Yes. Average 3 times a month.	Yes, 3 times a month	Yes, Yes.			Yes. Many times. Power blips, often detrimental to computers without UPS.	Yes, sometimes 4-5 times per week	Yes!		Yes.	
			Technical support, MS licensees, equipment, training on equipment	Need new e-mail server. Greater bandwidth. Personnel assistance with tech integration.			We need tech support at all levels of the school				